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Substitute for form 1449A/PTO		Complete if Known
	Application Number	10/038,032
INFORMATION DISCLOSURE	Filing Date ,	1/2/2002
STATEMENT BY APPLICANT	First Named Inventor	Candelore et al.
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Art Unit (Use as many sheets as necessary) Examiner Name Grant, Christopher of 1 Sheet SNY-R4646.02 Attorney Docket Number

	U.S. PATENT DOCUMENTS							
Examiner Cir	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
Initials*		Number-Kind Code <sup>2</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
HS		US-6,549,229	4-15-2003	Kirby et al.				
· HS		US-6,904,520	6-7-2005	Rosset et al.				
		US-						
		US-						
		US-						

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>3</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T°
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	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
Из		LIU, et al. "Motion Vector Encryption in Multimedia Streaming, 2004, IEEE, pages 64-71				

Examiner		Oate	1 1
Signature	Hosuk Song	Considered	12/27/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. Their Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO process) as a possibilities. Confidentially appropriate symbols as a confidential to expende the serial number of the patent document. This collection of information is required to obtain or retain a benefit by the public which is to file (and by the USPTO). to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

LIST OF REFERENCES AP
CITED BY APPLICANT(S) Do

 Application No.: 10/038,032
 Sheet 1 of 1

 Docket No.: SNY-R4646.02
 Group: 2611

 Filed: 1/2/2002
 Conf. No.: 7076

Applicant: Candelore, et al.

RAS		U.S. PATENT	DOCUMENTS		
Exam. Init.	Document Number	Issue/Pub. Date	Name	Class	Filing Date
45	US4,944,006	7/24/1990	Citta et al.	- 1	4/25/1989
HS	US4,995,080	2/19/1991	Bestler et al.		7/16/1990
#8	US5,555,305	9/10/1996	Robinson et al.		9/29/1992
45	US6,011,849	1/4/2000	Orrin		8/28/1997
<del>\</del>	US6,021,199	2/1/2000	Ishibashi		10/14/1997
HS	US6,240,553	5/29/2001	Son et al.		12/10/1999
Hs	US6,292,568	9/18/2000	Atkins III, et al.		1/19/2000
HS	US6,378,130	4/23/2002	Adams		10/20/1997
Hs	US6,415,031	7/2/2002	Colligan et al.		3/20/2000
ΗS	US2002/0129243	9/12/2002	Nanjundiah		3/8/2001

	FOREIGN PATENT DOCUMENTS								
Exam. Init.	· · · · · · · · · · · · · · · · · · ·								
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	OTHER DOCUMENTS / CITATIONS					
Exam.	Document					
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	Technology Center 2600					
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Examiner: Hosuk SoNG	Date: 12/23/05
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LIST OF TREE ERENCES	Application No.: 10/038,032	Sheet 1 of 1
OTED BY ARPLICANT(S)	Docket No.: SNY-R4646.02	Group: 2611
ME E	Filed: 1/2/2002	Conf. No.: 7076
WAY TO BELLET	Applicant: CANDELORE ET AL.	RECEIVED

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		Technology Center 26			
Exam. Init.	Document Number	Issue/Pub. Date	Name	Class	Filing Date
#5	4,739,510	4/19/1988	Jeffers et al.		4/2/1987
HS	5,018,197	5/21/1991	Jones et al.		7/30/1990
HS	5,247,575	9/21/1993	Sprague et al.		4/24/1992
H3	5,629,981	5/13/1997	Nerlikar		7/29/1994
HS	5,666,293	9/9/1997	Metz et al.		7/3/1995
HS	5,894,516	4/13/1999	Brandenburg		7/10/1996
HS	5,915,018	6/22/1999	Aucsmith		11/5/1996
415	6,229,895	5/8/2001	Son et al.		3/12/1999

FOREIGN PATENT DOCUMENTS							
Exam. Init.	Document Number	Date	Country	Class	Translation		

	OTHER DOCUMENTS / CITATIONS
Exam. Init.	Document
415	ANONYMOUS, New Digital Copy Protection Proposal Would Secure Authorized Copies, PR Newswire, November 1998, pages 1-3.
Hs	"Pre-encryption Profiles Concept Overview and Proposal" Rev. 1.2, John B. Carlucci, December 5,2000.

Examiner:	Hosuk	SONG	Date:	12/23/05	

LIST OF REFERENCES CITED BY APPLICANT(S) Application No.: 10/038,032 Sheet 1 of 2 Docket No.: SNY-R4646.02 Group: 2611 Conf. No.: 7076CEIVED Filed:1/2/2002

Applicant: Candelore, et al.

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		J.S. PATENT D	OCUMENTS		Technology Ce
Exam. Init.	Document Number	Issue/Pub.	Name	Class	Filing Date
#5	3,852,519	12/3/1974	Court		10/20/1972
HS	5,325,432	6/28/1994	Gardeck et al.		2/4/1993
HS.	5,420,866	5/30/1995	Wasilewski		3/29/1994
HZ	5,535,276	7/9/1996	Ganesan		11/9/1994
#5	5,561,713	10/1/1996	Suh		7/18/1994
45	5,742,680	4/21/1998	Wilson		11/13/1995
HS	5,742,681	4/21/1998	Giachetti et al.		4/4/1995
45	5,751,813	5/12/1998	Dorenbos		4/29/1996
HS	5,754,650	5/19/1998	Katznelson		5/3/1995
#5	5,518,934	10/6/1998	Cuccia		12/18/1996
HS	5,999,622	12/7/1999	Yasukawa et al.		11/22/1995
#5	6,012,144	1/4/2000	Pickett		10/1/1997
HS	6,049,613	4/11/2000	Jakobsson		1/13/1998
45	6,055,314	4/25/2000	Spies et al.		3/22/1996
HS	6,058,186	5/2/2000	Enari		9/29/1998
#5	6,064,748	5/16/2000	Hogan		6/16/1998
HS	6,072,873	6/6/2000	Bewick		3/3/1998
HS	6,307,939	10/23/2001	Vigarie		8/19/1997
45	US2002/0108035 A1	8/8/2002	Herley et al.		2/6/2001
#18	6,449,718	9/10/2002	Rucklidge et al.		4/9/1999

Examiner:	Hosuk	SONG	Date:	12/23/05	

LIST OF REFERENCES	Application No.: 10/038,032	Sheet 2 of 2
CITED BY APPLICANT(S)	Docket No.: SNY-R4646.02	Group: 2611
IPE	Filed:1/2/2002	Conf. No.: 7076 VED
(0, 8)	Applicant: Candelore, et al.	MEGEIVED
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	OR	EIGN PATENT	DOCUMENTS	Techr	nology Center 26
Exam. Init.	Document Number	Date	Country	Class	Translation
#5	EP 1 187 483 A2	3/13/2002	EP		NR
HS	WO 00/31964	6/2/2000	PCT		NR
HS	WO 01/78386 A2	10/18/2001	PCT		NR

	OTHER DOCUMENTS / CITATIONS
Exam. Init.	Document
H S	ANONYMOUS, Message Authentication with Partial Encryption, Research disclosure RD 296086, 12/10/1988

Examiner:	Hosuk	SONG	Date:	12/23/05	
	1000			1. 9.	 

	TION DISCLOSU CITATION	TRE	Serial No.: Filing Date:	10/038,032	O2 Sheet 1 of 3
		U. S. PAT	ENT DOCUMEN	NTS	Tern OC
Exam. Init.	Document Number	Date	Name	Class	Filing Dates
		,			HOL OD
		FOREIGN	I PATENT DOCU	JMENTS	. A90
Exam. Init.	Document Number	Date	Country	Class	Translation C
					2800
		OTHER DO	OCUMENTS/CIT	ATIONS	
45	"Performance Study of a Selective Encryption Scheme for the Security of Networked, Real-Time Video" by Spanos and Maples, pages 2-10, 1995, IEEE				
#5	"A - Ei-i-1 Ct. du of Come MEEC Vide Tourisies "1 - Acided				
45	Abstract)" by	Wu and Wu,	Vatermarking of N February 17,1997 ce, Systems, and	, submitted to	International
HS	"An Efficient pages 381-386		Encryption Algor	rithm" by Shi a	nd Bhargava,
H S			cryption Algorithm submitted to Elsev		d Nahrstedt,
H s	•••	, 1998, Multi	deo Communicati media and Securit	•	mann, pages 41- t ACM Multimedia
#5		ressed Bit-Str	cryption Technique eams" by Alattar		
#8		Bit-Streams"	otion Techniques i by Alattar, Al-Re		
. <del>H</del> 5			in Video Scrambli 1999, In Proc. A	_	Access Control"

EXAMINER:

Hosuk Song

12/23/05

DATE CONSIDERED:

Docket No.: SNY-R4646.02 Sheet 2 of 2 FORMATION DISCLOSURE **CITATION** Serial No.: 10/038,032 Filing Date: 1/2/2002 Group: 2611 Applicant: Candelore, et al. Filing Dates Conter 2600 U. S. PATENT DOCUMENTS Document Date Name Class Exam. Init. Number FOREIGN PATENT DOCUMENTS Translation Exam. Document Date Country Class Init. Number OTHER DOCUMENTS/CITATIONS "Transport Streams Insertion of Video in the Compressed Digital Domain" by HS SeaChange International, Web Site Literature, 2000 "A Report on Security Issues in Multimedia" by Gulwani, pages 10-14, April HS. 30, 2000, Course Notes, Department of Computer Science and Engineering, Indian Institute of Technology Kanpur "Fast Encryption Methods for Audiovisual Data Confidentiality" by Wu and HS Kuo, Nov. 2000, SPIE International Symposia on Information Technologies 2000, (Boston, Ma., USA) "Visible World - A High Impact Approach to Customized Television 415 " Advertising" by Haberman, December 2001. "Ad Agencies and Advertisers To Be Empowered with Targeted Ads Delivered H5 by Television's Prevailing Video Servers" Article Business Section of The New York Times, Updated Thursday, December 20, 2001 "Dynamic-Customized TV Advertising Creation and Production Tools" by 415 SeaChange International, Web Site Literature

EXAMINER:

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12/23/05

DATE CONSIDERED:

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	TION DISCLOSU CITATION	MAY 0 7 2002	Docket No.: S Serial No.: 10 Filing Date: 1/ Applicant: Ca	/2/2002	Sheet 1 of 1 Group: 2611
		U. S. PATEN	T DOCUMENT	TS	-
Exam. Init.	Document Number	Date	Name	Class	Filing Date
45	5,805,700	9/8/98	Nardone, et al.	RE	10/15/96 CEIVED
				MA	1 3 2002
				ľ	99 Center 2600
		FOREIGN PA	TENT DOCUM		2000
Exam. Init.	Document Number	Date	Country	Class	Translation
				,	
		OTHER DOCU	JMENTS/CITA	TIONS	
45	Abstract)" by	Wu and Wu, Feb	17, 1997, subm	PEG Video (Exteritted to International Control of Cartest Control of Cartest C	onal
#2	Both Selective	Watermarking a	nd Encryption"	re MPEG System by Wu and Wu, M and Privacy Prote	March 1, 1997,
HS		· ·		Video and DVD- 064841-7, pages	, ,
НS	"Multimedia an September 199	•	shop at ACM N	/ultimedia" '98. 1	Bristol, U.K.,
Нs	•	•	-	Gulwani, April 3	
	<u> </u>				
EXAMINER	t: Hosuk so	NG	DATE CONS	IDERED: 12	23/05

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INFORMATION DISCLOSURE CITATION (MAR 25 7007) S. PATENT			Serial No.: Filing Date: Applicant:			
Exam. Init.	Document Number	Date	Name	Class	Filing Date	
HS	5,539,823	7/23/96	Martin		7/24/94	
НЗ	5,600,721	2/4/97	Kitazato		7/27/94	
HR	6,057,872	5/2/2000	Candelore		7/9/97	
					RECEI MAR 2 8	
					Technology Cer	
		FOREIGN I	PATENT DOCU	MENTS		
Exam. Init.	Document Number	Date	Country	Class	Translation	
		OTHER DOO	CUMENTS/CIT	ATIONS		
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